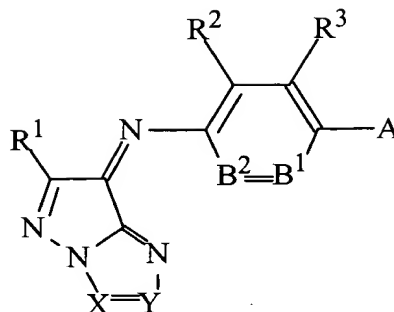


*a1*  
*cont.*

Formula (1)



wherein  $R^1$  represents a hydrogen atom, aliphatic group, aromatic group, heterocyclic group, cyano,  $-OR^{11}$ ,  $-SR^{12}$ ,  $-CO_2R^{13}$ ,  $-OCOR^{14}$ ,  $-NR^{15}R^{16}$ ,  $-CONR^{17}R^{18}$ ,  $-SO_2R^{19}$ ,  $SO_2NR^{20}R^{21}$ ,  $-NR^{22}CONR^{23}R^{24}$ ,  $-NR^{25}CO_2R^{26}$ ,  $-COR^{27}$ ,  $-NR^{28}COR^{29}$  or  $-NR^{30}SO_2R^{31}$ , and  $R^{11}$ ,  $R^{12}$ ,  $R^{13}$ ,  $R^{14}$ ,  $R^{15}$ ,  $R^{16}$ ,  $R^{17}$ ,  $R^{18}$ ,  $R^{19}$ ,  $R^{20}$ ,  $R^{21}$ ,  $R^{22}$ ,  $R^{23}$ ,  $R^{24}$ ,  $R^{25}$ ,  $R^{26}$ ,  $R^{27}$ ,  $R^{28}$ ,  $R^{29}$ ,  $R^{30}$  and  $R^{31}$  each represents independently a hydrogen atom, aliphatic group or aromatic group; wherein A represents  $-NR^4R^5$  or a hydroxyl group, and  $R^4$  and  $R^5$  each represents independently a hydrogen atom, aliphatic group, aromatic group or heterocyclic group; wherein  $B^1$  represents  $=C(R^6)-$  or  $=N-$  and  $B^2$  represents  $-C(R^7)=$  or  $-N=$ ; wherein  $R^2$ ,  $R^3$ ,  $R^6$  and  $R^7$  each represents independently a hydrogen atom, halogen atom, aliphatic group, aromatic group, heterocyclic group, cyano,  $-OR^{51}$ ,  $-SR^{52}$ ,  $-CO_2R^{53}$ ,  $-OCOR^{54}$ ,  $-NR^{55}R^{56}$ ,  $-CONR^{57}R^{58}$ ,  $-SO_2R^{59}$ ,  $-SO_2NR^{60}R^{61}$ ,  $-NR^{62}CONR^{63}R^{64}$ ,  $NR^{65}CO_2R^{66}$ ,  $-COR^{67}$ ,  $-NR^{68}COR^{69}$  or  $-NR^{70}SO_2R^{71}$ , and  $R^{51}$ ,  $R^{52}$ ,  $R^{53}$ ,  $R^{54}$ ,  $R^{55}$ ,  $R^{56}$ ,  $R^{57}$ ,  $R^{58}$ ,  $R^{59}$ ,  $R^{60}$ ,  $R^{61}$ ,  $R^{62}$ ,  $R^{63}$ ,  $R^{64}$ ,  $R^{65}$ ,  $R^{66}$ ,  $R^{67}$ ,  $R^{68}$ ,  $R^{69}$ ,  $R^{70}$  and  $R^{71}$  each represents independently a hydrogen atom, aliphatic group or aromatic group; wherein  $R^2$  and  $R^3$ ,  $R^3$  and  $R^4$ ,  $R^4$  and  $R^5$ ,  $R^5$  and  $R^6$ , or  $R^6$  and  $R^7$  are optionally mutually bound to form a

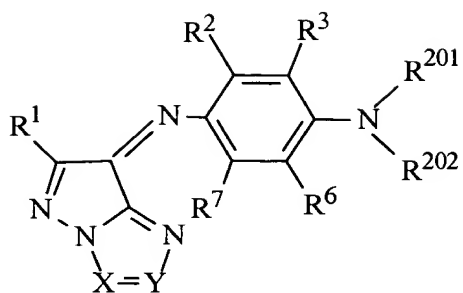
a!  
cont.

ring; wherein X and Y each represents independently C(R<sup>8</sup>)= or N=, R<sup>8</sup> represents a hydrogen atom, aliphatic group or aromatic group, either X or Y shall represent N=, and X and Y shall not be simultaneously -N=; and wherein in the formula (1), two or more substituent groups represented by -NR<sup>170</sup>SO<sub>2</sub>R<sup>171</sup> are present in the dye, and R<sup>170</sup> and R<sup>171</sup> each represents independently a hydrogen atom, aliphatic group or aromatic group.

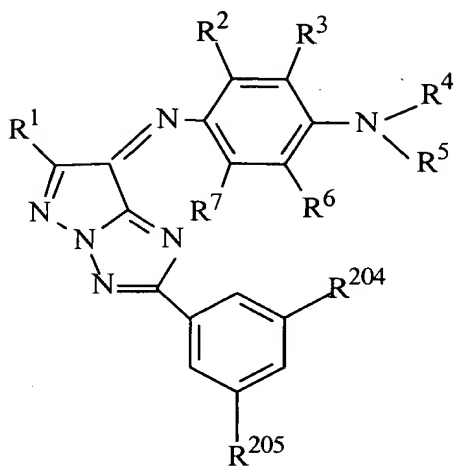
2. (Amended) An ink for an ink jet according to claim 1, wherein the oil-soluble dye is at least one compound represented by any one of formulae (2-1) to (2-5):

a!  
cont.

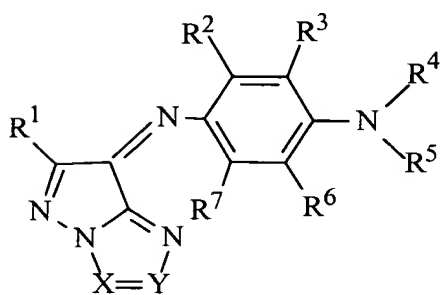
(2-1)



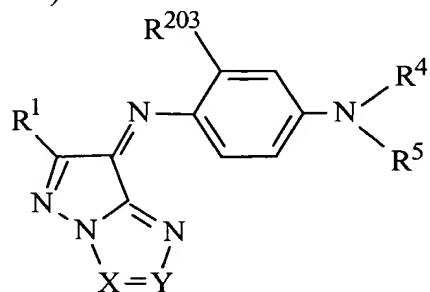
(2-3 a)



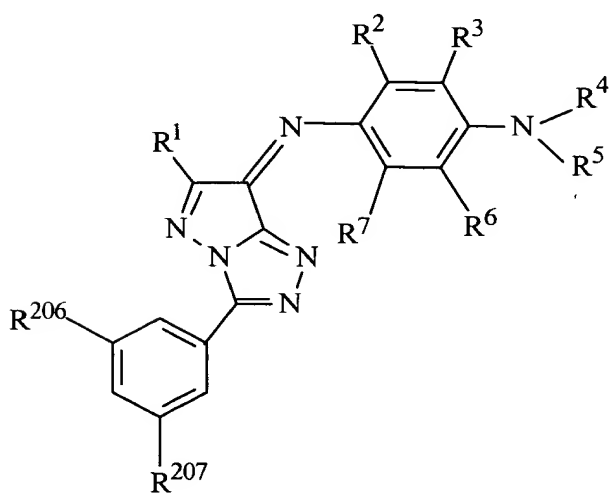
(2-4)



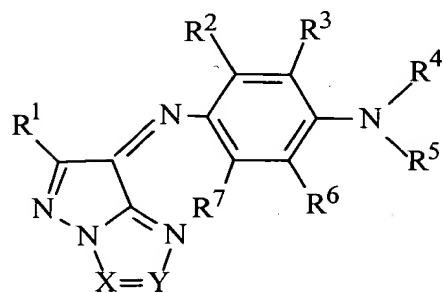
(2-2)



(2-3 b)



(2-5)



*a1 cont.*

wherein in the formulae (2-1) to (2-5) X, Y, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup> and R<sup>8</sup> have the same meanings as defined with respect to the formula (1); wherein in the formula (2-1) R<sup>201</sup> and R<sup>202</sup> each represents a C<sub>1-18</sub> alkyl group having a substituent group, the substituent group is at least one member selected from the group consisting of a heterocyclic group, cyano, -OR<sup>141</sup>, -SR<sup>142</sup>, -CO<sub>2</sub>R<sup>143</sup>, -OCOR<sup>144</sup>, -NR<sup>145</sup>R<sup>146</sup>, -CONR<sup>147</sup>R<sup>148</sup>, -SO<sub>2</sub>R<sup>149</sup>, -SO<sub>2</sub>NR<sup>150</sup>R<sup>151</sup>, -NR<sup>152</sup>CONR<sup>153</sup>R<sup>154</sup>, -NR<sup>155</sup>CO<sub>2</sub>R<sup>156</sup>, -COR<sup>157</sup>, -NR<sup>158</sup>COR<sup>159</sup> and -NR<sup>160</sup>SO<sub>2</sub>R<sup>161</sup>, and R<sup>141</sup>, R<sup>142</sup>, R<sup>143</sup>, R<sup>144</sup>, R<sup>145</sup>, R<sup>146</sup>, R<sup>147</sup>, R<sup>148</sup>, R<sup>149</sup>, R<sup>150</sup>, R<sup>151</sup>, R<sup>152</sup>, R<sup>153</sup>, R<sup>154</sup>, R<sup>155</sup>, R<sup>156</sup>, R<sup>157</sup>, R<sup>158</sup>, R<sup>159</sup>, R<sup>160</sup> and R<sup>161</sup> each represents independently a hydrogen atom, aliphatic group or aromatic group; wherein in the formula (2-2) R<sup>203</sup> represents a C<sub>1-10</sub> substituted alkyl group; wherein in the formulae (2-3a) and (2-3b), R<sup>204</sup>, R<sup>205</sup>, R<sup>206</sup> and R<sup>207</sup> each represents independently a cyano or a group having no more than C<sub>100</sub> selected from the group consisting of an aliphatic group, aromatic group, heterocyclic group, -OR<sup>211</sup>, -SR<sup>212</sup>, -CO<sub>2</sub>R<sup>213</sup>, -OCOR<sup>214</sup>, -NR<sup>215</sup>R<sup>216</sup>, -CONR<sup>217</sup>R<sup>218</sup>, -SO<sub>2</sub>R<sup>219</sup>, -SO<sub>2</sub>NR<sup>220</sup>R<sup>221</sup>, -NR<sup>222</sup>CONR<sup>223</sup>R<sup>224</sup>, -NR<sup>225</sup>CO<sub>2</sub>R<sup>226</sup>, -COR<sup>227</sup>, -NR<sup>228</sup>COR<sup>229</sup> and -NR<sup>230</sup>SO<sub>2</sub>R<sup>231</sup>, and R<sup>211</sup>, R<sup>212</sup>, R<sup>213</sup>, R<sup>214</sup>, R<sup>215</sup>, R<sup>216</sup>, R<sup>217</sup>, R<sup>218</sup>, R<sup>219</sup>, R<sup>220</sup>, R<sup>221</sup>, R<sup>222</sup>, R<sup>223</sup>, R<sup>224</sup>, R<sup>225</sup>, R<sup>226</sup>, R<sup>227</sup>, R<sup>228</sup>, R<sup>229</sup>, R<sup>230</sup> and R<sup>231</sup> each represent independently a hydrogen atom, aliphatic group or aromatic group; wherein in the formula (2-4) at least one of R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, and R<sup>8</sup> has substituent groups represented by -NR<sup>271</sup>SO<sub>2</sub>R<sup>272</sup>, two or more substituent groups represented by -NR<sup>271</sup>SO<sub>2</sub>R<sup>272</sup> are contained in the dye, and R<sup>271</sup> and R<sup>272</sup> each represents independently a hydrogen atom, aliphatic group or aromatic group; and wherein in the formula (2-5) at least one of R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, and R<sup>8</sup> has one or more water-soluble groups.

---

a<sup>2</sup>

12. (Amended) An ink for an ink jet according to claim 1, wherein the coloring particulates are obtained by emulsifying and making into fine particles an organic solvent which includes the polymer and the oil-soluble dye, by either adding water to the organic solvent, or adding the organic solvent into water.

a<sup>3</sup>

15. (Amended) A coloring composition comprising:

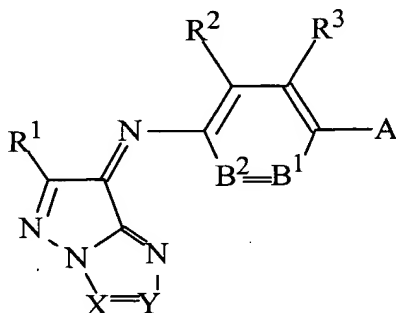
(a) a dispersion medium; and

(b) coloring particulates comprising:

(b-1) a polymer which is selected from the group consisting of polyurethanes, polyesters, polyamides, polyureas and polycarbonates; and

(b-2) an oil-soluble dye represented by formula (1):

Formula (1)

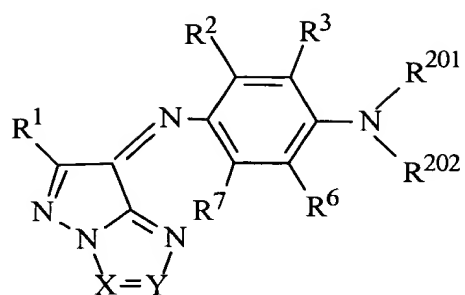


wherein R<sup>1</sup> represents a hydrogen atom, aliphatic group, aromatic group, heterocyclic group, cyano, -OR<sup>11</sup>, -SR<sup>12</sup>, -CO<sub>2</sub>R<sup>13</sup>, -OCOR<sup>14</sup>, -NR<sup>15</sup>R<sup>16</sup>, -CONR<sup>17</sup>R<sup>18</sup>, -SO<sub>2</sub>R<sup>19</sup>, -SO<sub>2</sub>NR<sup>20</sup>R<sup>21</sup>, -NR<sup>22</sup>CONR<sup>23</sup>R<sup>24</sup>, -NR<sup>25</sup>CO<sub>2</sub>R<sup>26</sup>, -COR<sup>27</sup>, -NR<sup>28</sup>COR<sup>29</sup>, -NR<sup>30</sup>SO<sub>2</sub>R<sup>31</sup>, and R<sup>11</sup>,

*A3*  
*cont.*

$R^{12}, R^{13}, R^{14}, R^{15}, R^{16}, R^{17}, R^{18}, R^{19}, R^{20}, R^{21}, R^{22}, R^{23}, R^{24}, R^{25}, R^{26}, R^{27}, R^{28}, R^{29}, R^{30}$  and  $R^{31}$  each represents independently a hydrogen atom, aliphatic group or aromatic group; wherein A represents  $-NR^4R^5$  or a hydroxyl group, and  $R^4$  and  $R^5$  each represents independently a hydrogen atom, aliphatic group, aromatic group or heterocyclic group; wherein  $B^1$  represents  $=C(R^6)-$  or  $=N-$  and  $B^2$  represents  $-C(R^7)=$  or  $-N=$ ; wherein  $R^2, R^3, R^6$  and  $R^7$  each represents independently a hydrogen atom, halogen atom, aliphatic group, aromatic group, heterocyclic group, cyano,  $-OR^{51}, -SR^{52}, -CO_2R^{53}, -OCOR^{54}, -NR^{55}R^{56}, -CONR^{57}R^{58}, -SO_2R^{59}, -SO_2NR^{60}R^{61}, -NR^{62}CONR^{63}R^{64}, -NR^{65}CO_2R^{66}, -COR^{67}, -NR^{68}COR^{69}, -NR^{70}SO_2R^{71}$ , and  $R^{51}, R^{52}, R^{53}, R^{54}, R^{55}, R^{56}, R^{57}, R^{58}, R^{59}, R^{60}, R^{61}, R^{62}, R^{63}, R^{64}, R^{65}, R^{66}, R^{67}, R^{68}, R^{69}, R^{70}$  and  $R^{71}$  each represents independently a hydrogen atom, aliphatic group or aromatic group; wherein  $R^2$  and  $R^3, R^3$  and  $R^4, R^4$  and  $R^5, R^5$  and  $R^6$ , or  $R^6$  and  $R^7$  are optionally mutually bound to form a ring; wherein X and Y each represents independently  $C(R^8)=$  or  $N=$ ,  $R^8$  represents a hydrogen atom, aliphatic group or aromatic group, either X or Y shall represent  $N=$ , and X and Y shall not be simultaneously  $-N=$ ; and wherein in the formula (1), two or more substituent groups represented by  $-NR^{170}SO_2R^{171}$  are present in the dye, and  $R^{170}$  and  $R^{171}$  each represents independently a hydrogen atom, aliphatic group or aromatic group.

16. (Amended) A coloring composition according to claim 15, wherein the oil-soluble dye is at least one compound represented by any one of formulae (2-1) to (2-5):



Chemical structure of a 1,2,4-triazole derivative. The triazole ring is substituted at the 5-position with an R<sup>1</sup> group and at the 4-position with a 4-(R<sup>203</sup>-substituted)phenyl group. The phenyl ring is also substituted with an N(R<sup>4</sup>, R<sup>5</sup>) group. The triazole ring is fused to a five-membered ring containing X=Y.

The diagram shows a chemical structure consisting of a benzene ring fused to a triazole ring system. The benzene ring has two substituents labeled R<sup>206</sup> and R<sup>207</sup>. The triazole ring is connected at its 1-position to another benzene ring. This second benzene ring has seven substituents labeled R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, and R<sup>1</sup>.

AB  
cont.

wherein in the formulae (2-1) to (2-5) X, Y, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup> and R<sup>8</sup> have the same meanings as defined with respect to the formula (1); wherein in the formula (2-1) R<sup>201</sup> and R<sup>202</sup> each represents a C<sub>1-18</sub> alkyl group having a substituent group, the substituent group is at least one member selected from group consisting of a heterocyclic group, cyano, -OR<sup>141</sup>, -SR<sup>142</sup>, -CO<sub>2</sub>R<sup>143</sup>, -OCOR<sup>144</sup>, -NR<sup>145</sup>R<sup>146</sup>, -CONR<sup>147</sup>R<sup>148</sup>, -SO<sub>2</sub>R<sup>149</sup>, -SO<sub>2</sub>NR<sup>150</sup>R<sup>151</sup>, -NR<sup>152</sup>CONR<sup>153</sup>R<sup>154</sup>, -NR<sup>155</sup>CO<sub>2</sub>R<sup>156</sup>, -COR<sup>157</sup>, -NR<sup>158</sup>COR<sup>159</sup> and -NR<sup>160</sup>SO<sub>2</sub>R<sup>161</sup>, and R<sup>141</sup>, R<sup>142</sup>, R<sup>143</sup>, R<sup>144</sup>, R<sup>145</sup>, R<sup>146</sup>, R<sup>147</sup>, R<sup>148</sup>, R<sup>149</sup>, R<sup>150</sup>, R<sup>151</sup>, R<sup>152</sup>, R<sup>153</sup>, R<sup>154</sup>, R<sup>155</sup>, R<sup>156</sup>, R<sup>157</sup>, R<sup>158</sup>, R<sup>159</sup>, R<sup>160</sup> and R<sup>161</sup> each represents independently a hydrogen atom, aliphatic group or aromatic group; wherein in the formula (2-2) R<sup>203</sup> represents a C<sub>1-10</sub> substituted alkyl group; wherein in the formulae (2-3a) and (2-3b), R<sup>204</sup>, R<sup>205</sup>, R<sup>206</sup> and R<sup>207</sup> each represents independently a cyano or a group having no more than C<sub>100</sub> selected from the group consisting of an aliphatic group, aromatic group, heterocyclic group, -OR<sup>211</sup>, -SR<sup>212</sup>, -CO<sub>2</sub>R<sup>213</sup>, -OCOR<sup>214</sup>, -NR<sup>215</sup>R<sup>216</sup>, -CONR<sup>217</sup>R<sup>218</sup>, -SO<sub>2</sub>R<sup>219</sup>, -SO<sub>2</sub>NR<sup>220</sup>R<sup>221</sup>, -NR<sup>222</sup>CONR<sup>223</sup>R<sup>224</sup>, -NR<sup>225</sup>CO<sub>2</sub>R<sup>226</sup> -COR<sup>227</sup>, NR<sup>228</sup>COR<sup>229</sup> and -NR<sup>230</sup>SO<sub>2</sub>R<sup>231</sup>, and R<sup>211</sup>, R<sup>212</sup>, R<sup>213</sup>, R<sup>214</sup>, R<sup>215</sup>, R<sup>216</sup>, R<sup>217</sup>, R<sup>218</sup>, R<sup>219</sup>, R<sup>220</sup>, R<sup>221</sup>, R<sup>222</sup>, R<sup>223</sup>, R<sup>224</sup>, R<sup>225</sup>, R<sup>226</sup>, R<sup>227</sup>, R<sup>228</sup>, R<sup>229</sup>, R<sup>230</sup> and R<sup>231</sup> each represents independently a hydrogen atom, aliphatic group or aromatic group; wherein in the formula (2-4) at least one of R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, and R<sup>8</sup> has substituent groups represented by -NR<sup>271</sup>SO<sub>2</sub>R<sup>272</sup>, two or more substituent groups represented by -NR<sup>271</sup>SO<sub>2</sub>R<sup>272</sup> are contained in the dye, and R<sup>271</sup> and R<sup>272</sup> each represents independently a hydrogen atom, aliphatic group or aromatic group; and wherein in the formula (2-5) at least one of R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, and R<sup>8</sup> has one or more water-soluble groups.

---



(1) preparing an ink for an ink jet; and

wherein the ink comprises a coloring composition comprising:

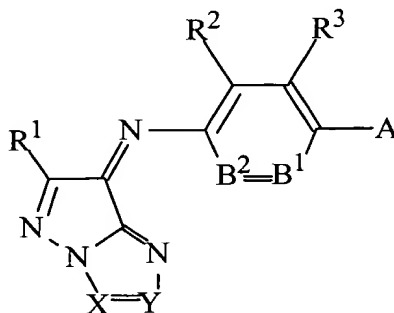
(a) a dispersion medium; and

(b) coloring particulates comprising:

(b-1) a polymer which is selected from the group consisting of polyurethanes, polyesters, polyamides, polyureas and polycarbonates; and

(b-2) an oil-soluble dye represented by formula (1):

Formula (1)



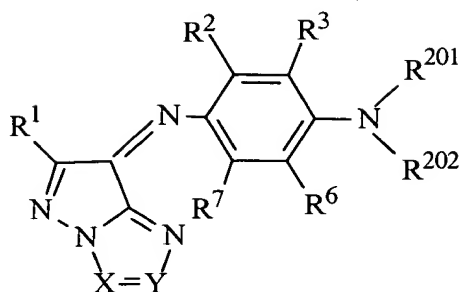
- 10 -

24  
Cont.

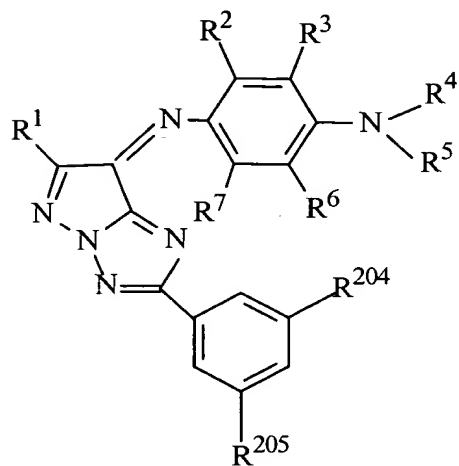
A represents -NR<sup>4</sup>R<sup>5</sup> or a hydroxyl group, and R<sup>4</sup> and R<sup>5</sup> each represents independently a hydrogen atom, aliphatic group, aromatic group or heterocyclic group; wherein B<sup>1</sup> represents =C(R<sup>6</sup>)- or =N- and B<sup>2</sup> represents -C(R<sup>7</sup>)= or -N=; wherein R<sup>2</sup>, R<sup>3</sup>, R<sup>6</sup> and R<sup>7</sup> each represents independently a hydrogen atom, halogen atom, aliphatic group, aromatic group, heterocyclic group, cyano, -OR<sup>51</sup>, -SR<sup>52</sup>, -CO<sub>2</sub>R<sup>53</sup>, -OCOR<sup>54</sup>, -NR<sup>55</sup>R<sup>56</sup>, -CONR<sup>57</sup>R<sup>58</sup>, -SO<sub>2</sub>R<sup>59</sup>, -SO<sub>2</sub>NR<sup>60</sup>R<sup>61</sup>, -NR<sup>62</sup>CONR<sup>63</sup>R<sup>64</sup>, -NR<sup>65</sup>CO<sub>2</sub>R<sup>66</sup>, -COR<sup>67</sup>, -NR<sup>68</sup>COR<sup>69</sup> or -NR<sup>70</sup>SO<sub>2</sub>R<sup>71</sup>, and R<sup>51</sup>, R<sup>52</sup>, R<sup>53</sup>, R<sup>54</sup>, R<sup>55</sup>, R<sup>56</sup>, R<sup>57</sup>, R<sup>58</sup>, R<sup>59</sup>, R<sup>60</sup>, R<sup>61</sup>, R<sup>62</sup>, R<sup>63</sup>, R<sup>64</sup>, R<sup>65</sup>, R<sup>66</sup>, R<sup>67</sup>, R<sup>68</sup>, R<sup>69</sup>, R<sup>70</sup> and R<sup>71</sup> each represents independently a hydrogen atom, aliphatic group or aromatic group; wherein R<sup>2</sup> and R<sup>3</sup>, R<sup>3</sup> and R<sup>4</sup>, R<sup>4</sup> and R<sup>5</sup>, R<sup>5</sup> and R<sup>6</sup>, or R<sup>6</sup> and R<sup>7</sup> are optionally mutually bound to form a ring; wherein X and Y each represents independently C(R<sup>8</sup>)= or N=, R<sup>8</sup> represents a hydrogen atom, aliphatic group or aromatic group, either X or Y shall represent N=, and X and Y shall not be simultaneously -N=; and wherein in the formula (1), two or more substituent groups represented by -NR<sup>170</sup>SO<sub>2</sub>R<sup>171</sup> are present in the dye, and R<sup>170</sup> and R<sup>171</sup> each represents independently a hydrogen atom, aliphatic group or aromatic group.

19. (Amended) An ink jet recording method according to claim 18, wherein the oil-soluble dye is at least one compound represented by any one of formulae (2-1) to (2-5):

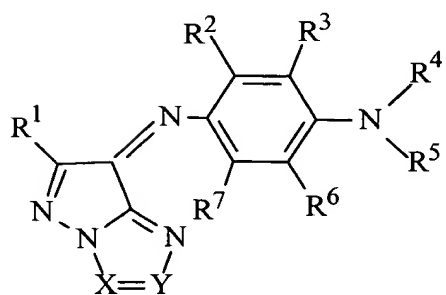
24  
cont.  
(2-1)



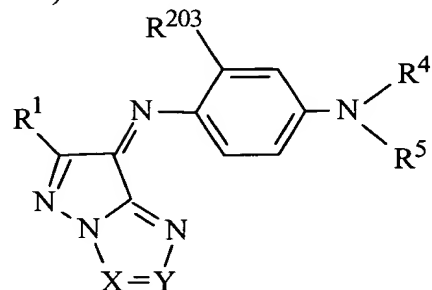
(2-3 a)



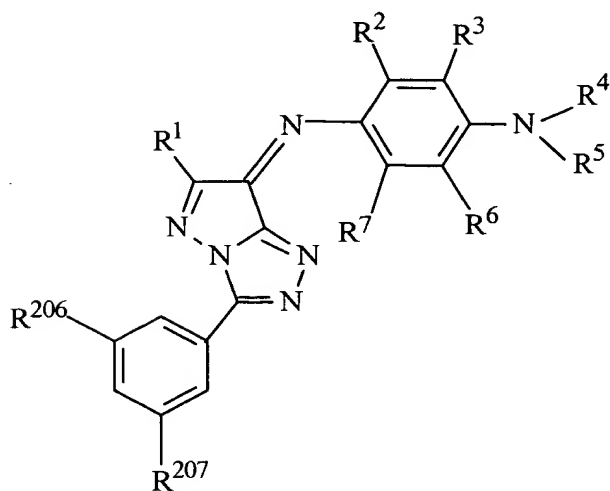
(2-4)



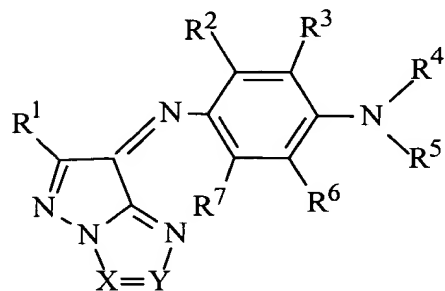
(2-2)



(2-3 b)



(2-5)



at  
cont.

wherein in the formulae (2-1) to (2-5) X, Y, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup> and R<sup>8</sup> have the same meanings as defined with respect to the formula (1); wherein in the formula (2-1) R<sup>201</sup> and R<sup>202</sup> each represents a C<sub>1-18</sub> alkyl group having a substituent group, the substituent group is at least one member selected from group consisting of a heterocyclic group, cyano, -OR<sup>141</sup>, -SR<sup>142</sup>, -CO<sub>2</sub>R<sup>143</sup>, -OCOR<sup>144</sup>, -NR<sup>145</sup>R<sup>146</sup>, -CONR<sup>147</sup>R<sup>148</sup>, -SO<sub>2</sub>R<sup>149</sup>, -SO<sub>2</sub>NR<sup>150</sup>R<sup>151</sup>, -NR<sup>152</sup>CONR<sup>153</sup>R<sup>154</sup>, -NR<sup>155</sup>CO<sub>2</sub>R<sup>156</sup> -COR<sup>157</sup>, -NR<sup>158</sup>COR<sup>159</sup> and -NR<sup>160</sup>SO<sub>2</sub>R<sup>161</sup>, and R<sup>141</sup>, R<sup>142</sup>, R<sup>143</sup>, R<sup>144</sup>, R<sup>145</sup>, R<sup>146</sup>, R<sup>147</sup>, R<sup>148</sup>, R<sup>149</sup>, R<sup>150</sup>, R<sup>151</sup>, R<sup>152</sup>, R<sup>153</sup>, R<sup>154</sup>, R<sup>155</sup>, R<sup>156</sup>, R<sup>157</sup>, R<sup>158</sup>, R<sup>159</sup>, R<sup>160</sup> and R<sup>161</sup> each represents independently a hydrogen atom, aliphatic group or aromatic group; wherein in the formula (2-2) R<sup>203</sup> represents a C<sub>1-10</sub> substituted alkyl group; wherein in the formulae (2-3a) and (2-3b), a R<sup>204</sup>, R<sup>205</sup>, R<sup>206</sup> and R<sup>207</sup> each represents independently a cyano or a group having no more than C<sub>100</sub> selected from the group consisting of an aliphatic group, aromatic group, heterocyclic group, -OR<sup>211</sup>, -SR<sup>212</sup>, -CO<sub>2</sub>R<sup>213</sup>, -OCOR<sup>214</sup>, -NR<sup>215</sup>R<sup>216</sup>, -CONR<sup>217</sup>R<sup>218</sup>, -SO<sub>2</sub>R<sup>219</sup>, -SO<sub>2</sub>NR<sup>220</sup>R<sup>221</sup>, -NR<sup>222</sup>CONR<sup>223</sup>R<sup>224</sup>, -NR<sup>225</sup>CO<sub>2</sub>R<sup>226</sup> -COR<sup>227</sup>, -NR<sup>228</sup>COR<sup>229</sup> and -NR<sup>230</sup>SO<sub>2</sub>R<sup>231</sup>, and R<sup>211</sup>, R<sup>212</sup>, R<sup>213</sup>, R<sup>214</sup>, R<sup>215</sup>, R<sup>216</sup>, R<sup>217</sup>, R<sup>218</sup>, R<sup>219</sup>, R<sup>220</sup>, R<sup>221</sup>, R<sup>222</sup>, R<sup>223</sup>, R<sup>224</sup>, R<sup>225</sup>, R<sup>226</sup>, R<sup>227</sup>, R<sup>228</sup>, R<sup>229</sup>, R<sup>230</sup> and R<sup>231</sup> each represents independently a hydrogen atom, aliphatic group or aromatic group; wherein in the formula (2-4) at least one of R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup> and R<sup>8</sup> has substituent groups represented by -NR<sup>271</sup>SO<sub>2</sub>R<sup>272</sup>, two or more substituent groups represented by -NR<sup>271</sup>SO<sub>2</sub>R<sup>272</sup> are contained in the dye, and R<sup>271</sup> and R<sup>272</sup> each represents independently a hydrogen atom, aliphatic group or aromatic group; and wherein in the formula (2-5) at least one of R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, and R<sup>8</sup> has one or more water-soluble groups.

*Please add new claims 21-23 as follows:*

25 -- 21. (new) The ink for an ink jet according to claim 1, wherein R<sup>8</sup> represents a substituted aryl group.

22. (new) The coloring composition according to claim 15, wherein R<sup>8</sup> represents a substituted aryl group.

23. (new) The ink jet recording method according to claim 18, wherein R<sup>8</sup> represents a substituted aryl group. --